

CURRICULUM VITAE

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📅 **Date & Place of Birth** September 28, 1990, Giza, Egypt | 🇪🇬 **Nationality** Egyptian

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EDUCATION AND ACADEMIC QUALIFICATIONS

- **Pre-PhD Courses in Socio-Computing**, Department of Socio-Computing, Faculty of Economics and Political Science, Cairo University. (May 2017)
- **M.Sc. in Socio-Computing**, Department of Socio-Computing, Faculty of Economics and Political Science, Cairo University. (July 2015)
- **Pre-Master Courses in Socio-Computing**, Department of Socio-Computing, Faculty of Economics and Political Science, Cairo University. (May 2013)
- **B.Sc. in Statistics**, Department of Statistics, Faculty of Economics and Political Science, Cairo University (English Section). (May 2011)

ACADEMIC EXPERIENCE

Teaching and Research Experience:

- **Lecturer Assistant** at the Socio-Computing Department, Faculty of Economics and Political Science (FEPS), Cairo University, 2016- Present.
- **Researcher at FEPS Business Incubator (FEPS BI)**, Faculty of Economics and Political Science, Cairo University, July 2018- Present.
- **Junior Researcher** at the **Euro-Mediterranean Network for Economic Studies (EMNES)**, March 2018- Present.
- **Research Assistant & Lab Instructor** at the Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, 2012- 2016.
- **Research Assistant** at the Faculty of Economics and Political Science, Cairo University, 2011- 2012.
- **Research Assistant** at the Center of Decision Support and Future Studies (**DSFS**), Faculty of Computers and Information, Cairo University, July- August 2010.

Administrative Experience:

- **Member of the Editorial Board of “Elite” Monthly Newspaper**, Faculty of Economics and Political Science, Cairo University, October 2018-Present.
- **Co-Leader of FEPS Website Board**, Faculty of Economics and Political Science, Cairo University, August 2018-Present.
- **Webmaster Officer** at **FEPS Business Incubator (FEPS BI)**, Faculty of Economics and Political Science, Cairo University, July 2018- Present.
- **Executive Coordinator of the International Relation Office (IRO)**, Faculty of Economics and Political Science, Cairo University, February 2018- July 2019.

- **Representative** of the Socio-Computing Department in the **Youth Council of Faculty Members**, March 2018-Present.
- **Assistant Coordinator of FEPS Credit Hours System**, Faculty of Economics and Political Science, Cairo University, July 2018-April 2019.
- **Help Desk Assistant**, Help Desk Unit, Faculty of Economics and Political Science, Cairo University, 2014-2015.

AWARDS AND CERTIFICATES

Trainings and Workshops:

- Certificate of Attendance the **“EMNES Policy”** Workshop, Co-organized by Center for European Policy Studies (CEPS) Academy and the Euro-Mediterranean Network for Economic Studies (EMNES), CEPS, Brussels, Belgium, July 1-3, 2019.
- Certificate of Attendance the **“Critical Thinking”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, May 8-9, 2019.
- Certificate of Attendance the **“Gamification for Strategic Planning”** Workshop, Delivered by GAMUP, for Gamification Services, FEPS Business Incubator (FEPS BI), Faculty of Economics and Political Science, Cairo University, April 17, 2019.
- Certificate of Attendance the **“Gamification for Business”** Training Course, Delivered by GAMUP, for Gamification Services, FEPS Business Incubator (FEPS BI), Faculty of Economics and Political Science, Cairo University, January 27-28, 2019.
- Certificate of Attendance the **“Stress Management”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, January 9-10, 2019.
- Certificate of Attendance the **“Conference Organization”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, September 1-2, 2018.
- Certificate of Attendance the **“Effective Presentation Skills”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, July 7-8, 2018.
- Certificate of Attendance the **“Effective Teaching Skills”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, April 11-12, 2018.
- Certificate of Attendance the **“Design Thinking Methodology”** Workshop, FEPS Business Incubator, Faculty of Economics and Political Science, Cairo University, March 11-13, 2018.
- Certificate of Participation in **“Big Data Science”** Workshop, National Telecommunication Institute, Ministry of Communications and Information Technology, Smart Village, Cairo, Egypt, December 6-7, 2017.
- Certificate of Attendance the **“Communication Skills”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, October 23-24, 2017.
- Certificate of Attendance the **“International Publication of Scientific Research”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, July 10-11, 2017.
- Certificate of Attendance the **“E-Learning”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, July 5-6, 2017.
- Certificate of Attendance the **“Use of Technology in Teaching”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, July 5-6, 2017.
- Certificate of Attendance the **“Exams and Students Evaluation Systems”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, July 3-4, 2017.
- Certificate of Attendance the **“Quality Standards in Teaching”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, July 3-4, 2017.
- Certificate of Attendance the **“The Credit Hour Systems”** Training Course, Faculty and Leadership Development Center (FLDC), Cairo University, April 8-9, 2017.

- Certificate of Participation in the German Academic Exchange Service (DAAD) Module entitled “**International Publishing**”, International Relations Office (IRO), Faculty of Economics and Political Science, Cairo University, September 7, 2016.
- Certificate of Participation in the German Academic Exchange Service (DAAD) Module entitled “**How to Present Scientific Paper**”, International Relations Office (IRO), Faculty of Economics and Political Science, Cairo University, July 30, 2016.
- Certificate of Successfully Completed the **British Council Modules**: Foundation, Abstract, Persuasive Proposals; Presenting with Impact; Effective Emails; Academic Collaboration; and Work Group in the **Research Connect Course**, International Relations Office (IRO), Faculty of Economics and Political Science, Cairo University, December 1, 2015. (Trained by: Dr. Cathy Gibbons, Independent Consultant in Research Development).
- Certificate of Participation in the German Academic Exchange Service (**DAAD**) Module entitled “**Scientific Thinking and Argumentation Skills for Problem Solving**”, Skills Development and Entrepreneurship Unit, Faculty of Economics and Political Science, Cairo University, June 15, 2015.
- **C & C++** Certificate, Center for Advanced Software and Biomedical Engineering Consultations (CASBEC), Faculty of Engineering, Cairo University, November 5, 2011.
- International Computer Driving License (**ICDL**) Certificate, which includes the completion of the following seven modules: Concepts of Information Technology (IT); Using the Computer and Managing Files; Word Processing; Spreadsheets; Database; Presentation; and Information and Communication. Computer Studies Department, Russian Culture Center (**RCC**), October 2, 2010.
- Certificate of Excellence for Attending “**Statistical Analysis using STATA Software**” Training Course, Center for Applied Demography and Human Resources Development (CADHRD), Institute of Statistical Studies and Research (ISSR), Cairo University, July-August 2010.

Online Courses:

- Certificate of Excellence for Completing the Yonsei University’s Online Offering of “**Spatial Data Science and Applications**”, July 27, 2018.
- Certificate of Excellence for Completing the Santa Fe Institute’s Massive Open Online Course “**Introduction to Agent-based Modeling**”, November 7, 2016.
- Certificate of Successfully Completed the Big Data University Online Training Course titled “**Big Data Fundamentals**”, May 16, 2016.
- Certificate of Excellence for Completing the Pennsylvania State University’s Online Offering of “**Geospatial Intelligence & the Geospatial Revolution**”, March 24, 2016.
- Certificate of Successfully Completed the ESRI’s Massive Open Online Course on Location Analytics titled “**The Location Advantage**”, December 11, 2015.
- Certificate of Excellence for Completing the Santa Fe Institute’s Massive Open Online Course “**Introduction to Complexity**”, September 6, 2015.
- Certificate of Excellence for Completing the Pennsylvania State University’s Online Offering of “**Maps and the Geospatial Revolution**”, May 15, 2015.
- Certificate of Successfully Completed the ESRI’s Massive Open Online Course on Spatial Analysis titled “**Going Places with Spatial Analysis**”, April 8, 2015.
- Certificate of Excellence for Completing the “**Turning Data into Information using ArcGIS 10**” Web-Course, Environmental Systems Research Institute (ESRI) Training Courses, April 7, 2015.
- Certificate of Excellence for Completing the Santa Fe Institute’s Massive Open Online Course “**Introduction to Dynamical Systems and Chaos**”, February 16, 2015.

Conferences and Competitions:

- Attended EMNES Annual Conference 2019, “**Towards A Regional Integration and Employment Driven Socio-Economic Model in the Mediterranean: A Comprehensive Policy Roadmap**”, CEPS, Brussels, Belgium, 27-28 June 2019.
- Certificate of Participation and Presenting a Paper titled “**Place Names of Sinai Peninsula**” at the International Conference “Arabic Language and the Overlap between Cognitive Science”, Faculty of Arts, Cairo University, March 30, 2017.
- Awarded Certificate for Participating in the **Cairo University's Competition** of the Millennium Development Goals (MDGs) Program, 2011. (Best Project)

ACTIVITIES

Trainings and Workshops:

- Attended Training Course entitled “**Creative and Social Enterprise for Intermediaries**”, Developing Inclusive and Creative Economies Programme (DICE), Coventry University (CU) Social Enterprise, British Council, Cairo, Egypt, February 26-28, 2019.
- Attended Workshop entitled “**R for Social Sciences**”, Information Technology Institute (ITI), Ministry of Communications and Information Technology, Smart Village, Cairo, Egypt, August 16-19, 2018.
- Attended Workshop entitled “**Data Mining Methods and Techniques**”, Information Technology Institute (ITI), Ministry of Communications and Information Technology, Smart Village, Cairo, Egypt, August 10-14, 2018.
- Attended Workshop entitled “**Data Visualization**”, InfoTimes, The American University in Cairo, August 7, 2016.
- Attended Workshop entitled “**Data Analysis using STATA**”, Center for Surveys and Statistical Applications (CSSA), Faculty of Economics and Political Science, Cairo University, May 3-5, 2016.
- Attended Workshop entitled “**Big Data and Data Science ... Hype or Reality?**”, Center for Informatics Science (CIS), Nile University (NU), June 10, 2015.
- Attended Workshop entitled “**Getting Insights from Facebook: How Researchers Can Employee Facebook Data**”, Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, January 21, 2015.
- Attended Workshop entitled “**SQL Server 2005**”, Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, September 2-3, 2014.
- Attended Workshop entitled “**How to Build Agent-based Models in Netlogo**”, Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, June 23, 2014.
- Attended Workshop entitled “**How to Write and Submit a Research Paper**”, Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, May 22, 2014.
- Attended Workshop entitled “**Designing Websites using MS Expression Web**”, Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, March 20, 2014.
- Attended the **Information Technology Institute's e-Learning Training Program**. Workshops included: eLearning Tutoring, Learning Management Systems, Course Management – Moodle, Social Media for Learning support, Online Student Support & Problem Solving, and Articulate Storyline (Authoring Tool), Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, 2013-2014.
- Attended Training Program entitled “**Awareness of the Millennium Development Goals (MDGs)**”, Faculty of Economics and Political Science, Cairo University, 2010.
- Attended **Soft Skills Program**, which contains Key of Success, Motivation, Leadership, Presentation Skills and Business Etiquette as well as Behavior Styles. Faculty of Science, Cairo University, April 2010.

Other Online Courses:

- Completed the Santa Fe Institute's Massive Open Online Tutorial entitled "**Fundamentals of Machine Learning**", April 8, 2019.
- Attended Data Science Central (DSC) RapidMiner Webinar Event titled "**Data Scientist Workbench Accelerates Predictive Analytics**", December 8, 2015.

Conferences and Seminars:

- Attended Pre-Conference Training Workshop on "**Data Science and Its Applications**", the 31st Annual International Conference on Statistics and Modelling in Human and Social Sciences, Statistics Department, Faculty of Economics and Political Science, Cairo University, March 24-25, 2019.
- Attended Pre-Conference Training Workshop on "**Functional Data Analysis and Its Applications**", the 30th Annual International Conference on Statistics and Modelling in Human and Social Sciences, Statistics Department, Faculty of Economics and Political Science, Cairo University, April 1-2, 2018.
- Conducted Workshop about "**How to Use Egyptian knowledge Bank (EKB) Database**" Department of Socio-Computing, Faculty of Economics and Political Science, Cairo University, February 11, 2018.
- Attended Workshop entitled "**Understanding Complexity Using System Thinking Approach**", Department of Socio-Computing, Faculty of Economics and Political Science, Cairo University, December 21, 2017.
- Attended Workshop entitled "**Data Visualization in R**", Center for Surveys and Statistical Applications (CSSA), Faculty of Economics and Political Science, Cairo University, August 21-22, 2017.
- Attended Seminar entitled "**The Role of Social Network Analysis in Natural Resources Governance**", Department of Socio- Computing, Faculty of Economics and Political Science, Cairo University, November 1, 2016.
- Attended Seminar entitled "**Internet Data Collection**", Department of Socio-Computing, Faculty of Economics and Political Science, Cairo University, October 4, 2016.
- Attended Seminar entitled "**Agent-based Modeling and Simulation**", Department of Socio-Computing, Faculty of Economics and Political Science, Cairo University, September 18, 2016.
- Attended Pre-Conference Training Workshop on "**The Analysis of Panel SYPE Data Using STATA Package Organized by the Population Council, Egypt**", the 28th Annual International Conference on Statistics and Modelling in Human and Social Sciences, Statistics Department, Faculty of Economics and Political Science, Cairo University, March 26-28, 2016.
- Participated and Presented Presentation on "**An Introduction to Data Mining Techniques and Its Applications**" at the Monthly Seminar of the Department of Socio-Computing, Faculty of Economics and Political Science, Cairo University, January 5, 2016.
- Attended Seminar entitled "**An Introduction to Social Network Analysis and Its Applications in Social Sciences**", Department of Socio-Computing, Faculty of Economics and Political Science, Cairo University, December 1, 2015.
- Participated and Presented a Poster and Presentation on M.Sc. Thesis Research entitled "**A Toponomical Geographic Information Systems**", at the Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, February 18, 2015.
- Attended Seminar entitled "**Business Analytics and Data Mining**", Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, September 16, 2014.
- Attended Seminar entitled "**Applied Geographical Information**", Socio-Computing Department, Faculty of Economics and Political Science, Cairo University, September 10, 2012.
- Participated and Presented the Bachelor Graduation Project "**Measuring Achievement towards MDGs: A Multidimensional Perspective**" in the 24th Annual Conference on Statistics and Computer Modeling in Human and Social Sciences, Statistics Department, Faculty of Economics and Political Science, Cairo University, March 28, 2012.

LANGUAGE SKILLS

Arabic (Native), and English.

COMPUTER SKILLS

- Microsoft Office Applications: Word, Access, Excel, Power Point, Outlook, Publisher.
- Competent in using the Internet and Google Apps (Gmail, Drive, Docs, Sheets, Slides, Sites, Forms).
- Programming Languages: HTML, SQL, Visual Basic.NET, C&C++.
- Statistical Software Packages: MINITAB, SPSS, STATA, R&R Studio, MATLAB.
- Others: NetLogo (Simulation), Z-tree (Toolbox for readymade Economic Experiments), ArcGIS, SaTScan (Spatial Cluster Analysis), Gephi and Cytoscape (Social Network Analysis), Gapminder, XLMiner and RapidMiner (Analytics and Data Mining), VOSviewer (Bibliometric Networks Visualization).

RESEARCH METHODOLOGIES OF INTEREST

Big Data Analytics, Data Science and Mining, Geographic Information Science and Systems, Geo-Social Analysis and Modeling, Social Network Analysis.

RESEARCH TOPICS OF INTEREST

Human-Environment Interactions and Dynamics; Regional Studies and Urban Economics, Entrepreneurships and Innovation, Innovation Diffusion, Labor Market, Income Inequality, Social and Residential Segregation, Social Dynamics and Governance.

PUBLICATIONS

Publications in Refereed Journals:

Zeini, N. T., Abdel-Hamid, A. M., Soliman, A. S., & Okasha, A. E. (2018). An exploratory study of place-names in Sinai Peninsula, Egypt: a spatial approach. *Annals of GIS*, 24(3).

Working Papers:

Zaki, H. M., & Zeini, N. T. (2019). "Descriptive Analysis of Entrepreneurship Ecosystem in Egypt from Startups Perspective: Challenges and Opportunities". EMNES Working Paper No 24.

REFERENCES

References are available upon request.